

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/31/2018 10/31/2018	Luz Dial

LM Start		Rating **	A	Issue No.	34
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Operations & Maintenance Manuals			°	°
DWR ID	DWR_RD0307_01_f_2014_34				
Comment Code					
Inspector Comment					
RD 307 has the O&M Manual on hand.					

No Photos

LM Start		Rating **	A	Issue No.	35
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Emergency Supplies & Equipment			°	°
DWR ID	DWR_RD0307_01_f_2014_35				
Comment Code					
Inspector Comment					
The District according to Mr. Pete Dwyer, is part of the Delta Emergency plan where supplies are kept in a central location that they can gain access to if and when needed.					

No Photos

LM Start		Rating **	M	Issue No.	36
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Flood Preparedness & Training			°	°
DWR ID	DWR_RD0307_01_f_2014_36				
Comment Code					
Inspector Comment					
RD 307 hasn't been to any recent training classes.					

No Photos

*** Location**

LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

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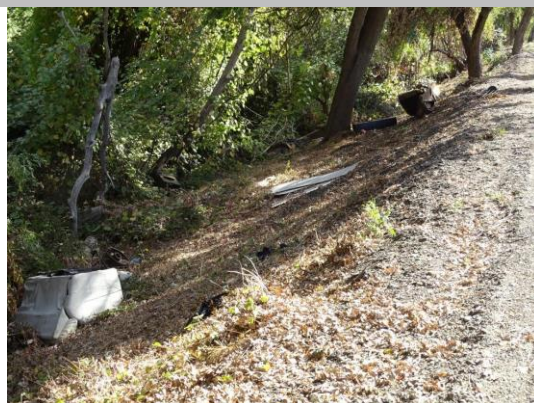
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/31/2018 10/31/2018	Luz Dial

LM Start	0.14	Rating **	M	Issue No.	129
LM End	0.14	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.478536 °	38.478536 °
				-121.547707 °	-121.547707 °
DWR ID	DWR_RD0307_01_f_2018_129				
Comment Code					
DE : Debris					
Inspector Comment					
Remove trash from slope.					

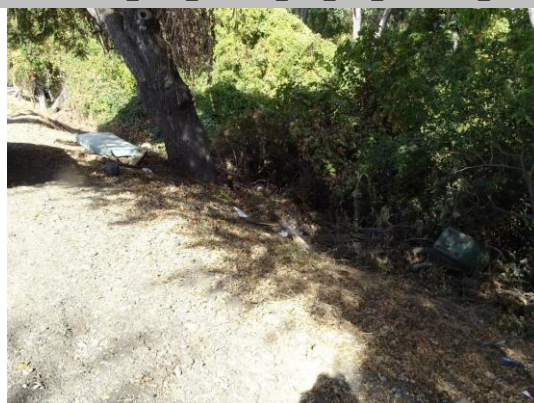
Photo 1 of 2 : FA_2018_RD0307_166_129_20181101_00125.jpg



View of sofa thrown on slope. Fall 2018

LM Start	0.14	Rating **	M	Issue No.	129 (cont)
LM End	0.14	Issue Type +	Ma	Location *	WS

Photo 2 of 2 : FA_2018_RD0307_166_129_20181101_00126.jpg



View of mattress and other debris on slope. Fall 2018

LM Start	0.16	Rating **	M	Issue No.	65
LM End	0.16	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.478322°	38.478322°
				-121.547389°	-121.547389°
DWR ID	DWR_RD0307_01_f_2017_65				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Large tree down on levee slope and toe.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/31/2018 10/31/2018	Luz Dial

LM Start	0.20	Rating **	M	Issue No.	66
LM End	0.20	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.477977 °	38.477977 °
				-121.546914 °	-121.546914 °
DWR ID	DWR_RD0307_01_f_2017_66				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					
Foot traffic on waterside slope.					

Photo 1 of 1 : FA_2018_RD0307_166_66_20180910_00015.jpg



Slope erosion should be repaired and foot traffic stopped.

LM Start	0.23	Rating **	C	Issue No.	67
LM End	0.45	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.477698 °	38.475494 °
				-121.546491 °	-121.543532 °
DWR ID	DWR_RD0307_01_f_2017_67				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

No Photos

LM Start	0.35	Rating **	M	Issue No.	59
LM End	0.35	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.476428 °	38.476428 °
				-121.544955 °	-121.544955 °
DWR ID	DWR_RD0307_01_s_2017_59				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Remove the cut up fallen tree from the landside levee slope and shoulder.					

Photo 1 of 1 : FA_2018_RD0307_166_59_20180910_00011.jpg



RD 307 Landside slope looking downstream from levee mile 0.35.

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+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/31/2018 10/31/2018	Luz Dial

LM Start	1.01	Rating **	M	Issue No.	113
LM End	1.01	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.472875 °	38.472875 °
				-121.533983 °	-121.533983 °
DWR ID	DWR_RD0307_01_f_2018_113				
Comment Code					
DE : Debris					
Inspector Comment					
Tree debris needs to be removed.					

No Photos

LM Start	1.14	Rating **	M	Issue No.	44
LM End	1.23	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 USACE Erosion Survey, DRAFT			38.473161 °	38.473103 °
				-121.531474 °	-121.529831 °
DWR ID	DWR_RD0307_01_f_2018_44				
Comment Code					
Inspector Comment					
2017 Site ID: SAC 48.6 R					
Status: Eroding					
2017 Field Notes: Site lengthened upstream and shortened downstream.					
Site History: 2012 - Bank is slowly eroding, old rock protection starting to unravel. 2016 - Anthropogenic erosion observed.					

Photo 1 of 2 : FA_2018_RD0307_166_44_20181101_00124.jpg



View of erosion on slope. Fall 2018

LM Start	1.14	Rating **	M	Issue No.	44 (cont)
LM End	1.23	Issue Type +	Ma	Location *	WS

Photo 2 of 2 : FA_2018_RD0307_166_44_20181105_00127.jpg



USACE 2013 Photo #1

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Unit No. 01 Sacramento River	Right	6.56	10/31/2018 10/31/2018	Luz Dial

LM Start	1.29	Rating **	U	Issue No.	9
LM End	1.29	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.472827 °	38.472827 °
				-121.528785 °	-121.528785 °
DWR ID	DWR_RD0307_01_f_2014_9				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Remove downed trees from waterside slope.					

Photo 1 of 1 : FA_2018_RD0307_166_9_20180910_00001.jpg



This tree needs to be removed from the waterside slope. Fall 2018

LM Start	1.31	Rating **	M	Issue No.	64
LM End	1.31	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.472855 °	38.472855 °
				-121.528435 °	-121.528435 °
DWR ID	DWR_RD0307_01_s_2016_64				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Remove the dead tree limbs from the waterside slope.					

No Photos

LM Start	1.35	Rating **	M	Issue No.	10
LM End	1.35	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.472880 °	38.472880 °
				-121.527733 °	-121.527733 °
DWR ID	DWR_RD0307_01_f_2014_10				
Comment Code					
TR : Tree or limb					
Inspector Comment					
The RD will schedule to have these trees cut up and removed from the waterside levee section as soon as possible. Trees still present during inspection.					

Photo 1 of 1 : FA_2018_RD0307_166_10_20180910_00002.jpg



Remove unwanted trees from waterside slope. These trees are dead and are resting on the slope. No change 4-17.

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+ Issue Type

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Unit No. 01 Sacramento River	Right	6.56	10/31/2018 10/31/2018	Luz Dial

LM Start	1.39	Rating **	M	Issue No.	83
LM End	1.39	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.472918 °	38.472918 °	
			-121.526956 °	-121.526956 °	
DWR ID	DWR_RD0307_01_f_2017_83				
Comment Code					
DE : Debris					
Inspector Comment					
Remove trash from waterside slope.					

No Photos

LM Start	1.68	Rating **	U	Issue No.	69
LM End	1.87	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.473241 °	38.473191 °	
			-121.521560 °	-121.518120 °	
DWR ID	DWR_RD0307_01_f_2017_69				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

No Photos

LM Start	1.71	Rating **	M	Issue No.	85
LM End	1.71	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		38.473252 °	38.473252 °	
			-121.521079 °	-121.521079 °	
DWR ID	DWR_RD0307_01_f_2017_85				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/31/2018 10/31/2018	Luz Dial

LM Start	1.86	Rating **	U	Issue No.	73 (cont)	
LM End	1.86	Issue Type +	Ma	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Encroachments			38.473182 °	38.473182 °	
				-121.518280 °	-121.518280 °	
DWR ID	DWR_RD0307_01_s_2016_73					
Comment Code						
TR : Tree or limb						
Inspector Comment						
Remove the cut up oak tree from both ls/ws slops the levee section. No change 4-17.						

Photo 2 of 3 : FA_2018_RD0307_166_73_20180910_00017.jpg



Looking downstream toward levee mile 1.87 fallen tree on shoulder.

LM Start	1.86	Rating **	U	Issue No.	73 (cont)
LM End	1.86	Issue Type +	Ma	Location *	LS

Photo 3 of 3 : FA_2018_RD0307_166_73_20180910_00018.jpg



Waterside shoulder levee mile 1.86 more of the cut up oak.

LM Start	1.87	Rating **	M	Issue No.	127
LM End	1.87	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.473211 °	38.473211 °
				-121.518169 °	-121.518169 °
DWR ID	DWR_RD0307_01_s_2018_127				
Comment Code					
TR : Tree or limb					
Inspector Comment					

No Photos

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/31/2018 10/31/2018	Luz Dial

LM Start	1.94	Rating **	C	Issue No.	90
LM End	1.99	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.473045°	38.472964°	
			-121.516802°	-121.515915°	
DWR ID	DWR_RD0307_01_f_2017_90				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

No Photos

LM Start	2.22	Rating **	M	Issue No.	91
LM End	2.22	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.472154°	38.472154°	
			-121.511763°	-121.511763°	
DWR ID	DWR_RD0307_01_f_2017_91				
Comment Code					
TR : Tree or limb					
Inspector Comment					

No Photos

LM Start	2.28	Rating **	M	Issue No.	105
LM End	2.28	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.471895°	38.471895°	
			-121.510717°	-121.510717°	
DWR ID	DWR_RD0307_01_f_2018_105				
Comment Code					
DE : Debris					
Inspector Comment					
Remove mattress from slope.					

No Photos

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/31/2018 10/31/2018	Luz Dial

LM Start	2.38	Rating **	C	Issue No.	89
LM End	2.43	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Slope Stability		38.471378°	38.471005°	
			-121.509067°	-121.508273°	
DWR ID	DWR_RD0307_01_s_2017_89				
Comment Code					
S1 : Repair slope instability.					
Inspector Comment					
Riprap placed on slope.					

No Photos

LM Start	2.47	Rating **	M	Issue No.	88
LM End	2.47	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.470725°	38.470725°	
			-121.507687°	-121.507687°	
DWR ID	DWR_RD0307_01_f_2018_88				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Remove arundo growth.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Unit No. 01 Sacramento River	Right	6.56	10/31/2018 10/31/2018	Luz Dial

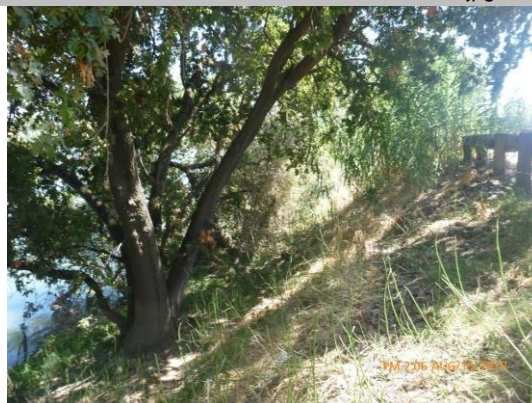
LM Start	2.47	Rating **	M	Issue No.	49							
LM End	2.53	Issue Type +	Ma	Location *								
Category	Supplemental		GPS Latitude/Longitude									
			Start	End								
Item	2017 Storm Damage		38.470583 °	38.470052 °								
			-121.507658 °	-121.506902 °								
DWR ID	DWR_RD0307_01_f_2017_49											
Comment Code												
Inspector Comment												
Levee Evaluation Comments Description: Slope protection repairs are needed along the waterside slope due to erosion and riprap displacement from high water. Based upon levee inspections, it was determined the waterside levee slope is eroding, deteriorating, and degrading. The eroded levee sections need to be restored back to design standards to prevent further deterioration and damage. Site ID No: 500 Site Designation: LMA-406 Repair Type: Erosion Rating: Area of Concern Field Date: 8/15/2017 Notes:												

Photo 1 of 3 : LEVAL_FA_2018_500_4167.jpg



LM Start	2.47	Rating **	M	Issue No.	49 (cont)
LM End	2.53	Issue Type +	Ma	Location *	

Photo 2 of 3 : LEVAL_FA_2018_500_4168.jpg



* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
N/A : Not Applicable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	

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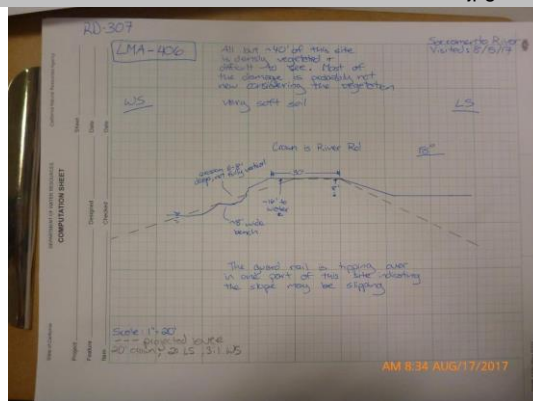
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LM Start	2.47	Rating **	M	Issue No.	49 (cont)
LM End	2.53	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	2017 Storm Damage		38.470583°	38.470052°	
			-121.507658°	-121.506902°	
DWR ID	DWR_RD0307_01_f_2017_49				
Comment Code					
Inspector Comment					
Levee Evaluation Comments Description: Slope protection repairs are needed along the waterside slope due to erosion and riprap displacement from high water. Based upon levee inspections, it was determined the waterside levee slope is eroding, deteriorating, and degrading. The eroded levee sections need to be restored back to design standards to prevent further deterioration and damage. Site ID No: 500 Site Designation: LMA-406 Repair Type: Erosion Rating: Area of Concern Field Date: 8/15/2017 Notes:					

Photo 3 of 3 : LEVAL_FA_2018_500_4226.jpg



LM Start	2.72	Rating **	M	Issue No.	99
LM End	2.81	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.467438°	38.466204°	
			-121.505723°	-121.505542°	
DWR ID	DWR_RD0307_01_f_2017_99				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

No Photos

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Unit No. 01 Sacramento River	Right	6.56	10/31/2018 10/31/2018	Luz Dial

LM Start	2.93	Rating **	M	Issue No.	101
LM End	2.99	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.464429°	38.463570°	
			-121.505333°	-121.505223°	
DWR ID	DWR_RD0307_01_f_2017_101				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Landowner does not want vegetaton cut.					

No Photos

LM Start	3.00	Rating **	M	Issue No.	122
LM End	3.00	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		38.463454°	38.463454°	
			-121.505183°	-121.505183°	
DWR ID	DWR_RD0307_01_s_2018_122				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	3.00	Rating **	M	Issue No.	50
LM End	3.04	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		38.463405°	38.462828°	
			-121.505185°	-121.505128°	
DWR ID	DWR_RD0307_01_f_2018_50				
Comment Code					
T3 : Trim and thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					
Trim and thin trees.					

No Photos

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Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/31/2018 10/31/2018	Luz Dial

LM Start	3.25	Rating **	M	Issue No.	102
LM End	3.25	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.459873 °	38.459873 °
				-121.504510 °	-121.504510 °
DWR ID	DWR_RD0307_01_f_2017_102				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	3.66	Rating **	M	Issue No.	86
LM End	3.66	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.454052 °	38.454052 °
				-121.502905 °	-121.502905 °
DWR ID	DWR_RD0307_01_f_2018_86				
Comment Code					
DE : Debris					
Inspector Comment					
Tree debris on slope.					

No Photos

LM Start	3.86	Rating **	M	Issue No.	24
LM End	3.86	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.451123 °	38.451123 °
				-121.502622 °	-121.502622 °
DWR ID	DWR_RD0307_01_f_2014_24				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Remove the cut tree limbs from the waterside shoulder.					

Photo 1 of 1 : FA_2018_RD0307_166_24_20181101_00122.jpg



View of tree limbs on levee slope. Fall 2018

*** Location**

LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

Reclamation District No. 0307 Lisbon

No Photos

Photo 1 of 1 : FA_2018_RD0307_166_111_20181101_00117.jpg



View of rodent holes on landside slope. Fall 2018

Photo 1 of 3 : FA_2018_RD0307_166_128_20181101_00118.jpg



View of erosion on slope. Fall 2018

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/31/2018 10/31/2018	Luz Dial

LM Start	3.98	Rating **	M	Issue No.	128 (cont)	
LM End	3.98	Issue Type +	Ma	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Erosion / Bank Caving			38.449404 °	38.449404 °	
				-121.502663 °	-121.502663 °	
DWR ID	DWR_RD0307_01_s_2018_128					
Comment Code						
E1 : Note and monitor erosion site.						
Inspector Comment						
Repair rills on landside slope. Additionally repair rodent holes along this stretch.						

Photo 2 of 3 : FA_2018_RD0307_166_128_20180910_00034.jpg



Erosion rodent hole landside looking east. Spring 2018

LM Start	3.98	Rating **	M	Issue No.	128 (cont)
LM End	3.98	Issue Type +	Ma	Location *	LS

Photo 3 of 3 : FA_2018_RD0307_166_128_20180910_00035.jpg



Erosion rodent hole landside looking south. Spring 2018

LM Start	4.07	Rating **	M	Issue No.	112
LM End	4.10	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.448183 °	38.447647 °
				-121.502693 °	-121.502707 °
DWR ID	DWR_RD0307_01_f_2017_112				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/31/2018 10/31/2018	Luz Dial

LM Start	4.43	Rating **	M	Issue No.	56
LM End	4.43	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		38.443003°	38.443003°	
			-121.503453°	-121.503453°	
DWR ID	DWR_RD0307_01_f_2018_56				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	4.58	Rating **	M	Issue No.	80
LM End	4.58	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.440975°	38.440975°	
			-121.504545°	-121.504545°	
DWR ID	DWR_RD0307_01_s_2016_80				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Remove the tree limbs from the waterside shoulder.					

No Photos

LM Start	4.81	Rating **	M	Issue No.	57
LM End	4.81	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		38.438420°	38.438420°	
			-121.507287°	-121.507287°	
DWR ID	DWR_RD0307_01_f_2018_57				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					
Trees need to be trimmed.					

No Photos

*** Location**

LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/31/2018 10/31/2018	Luz Dial

LM Start	4.88	Rating **	M	Issue No.	104
LM End	4.88	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.437871 °	38.437871 °
				-121.508356 °	-121.508356 °
DWR ID	DWR_RD0307_01_s_2018_104				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Downed tree on landside slope.					

Photo 1 of 1 : FA_2018_RD0307_166_104_20180910_00027.jpg



Encroachment downed tree on landside looking south

LM Start	5.37	Rating **	U	Issue No.	123
LM End	5.45	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.435665 °	38.435634 °
				-121.516868 °	-121.518275 °
DWR ID	DWR_RD0307_01_f_2017_123				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

No Photos

LM Start	5.58	Rating **	M	Issue No.	68
LM End	5.58	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.435653 °	38.435653 °
				-121.520612 °	-121.520612 °
DWR ID	DWR_RD0307_01_f_2018_68				
Comment Code					
T3 : Trim and thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					
Trees need to be trimmed and thinned.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/31/2018 10/31/2018	Luz Dial

LM Start	5.62	Rating **	M	Issue No.	124
LM End	5.73	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.435764 °	38.435925 °	
			-121.521426 °	-121.523343 °	
DWR ID	DWR_RD0307_01_f_2017_124				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

No Photos

LM Start	5.95	Rating **	M	Issue No.	126
LM End	6.12	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.436136 °	38.435305 °	
			-121.527518 °	-121.530422 °	
DWR ID	DWR_RD0307_01_f_2017_126				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

No Photos

LM Start	6.02	Rating **	M	Issue No.	77
LM End	6.02	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		38.435928 °	38.435928 °	
			-121.528767 °	-121.528767 °	
DWR ID	DWR_RD0307_01_f_2018_77				
Comment Code					
T2 : Thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/31/2018 10/31/2018	Luz Dial

LM Start	6.12	Rating **	M	Issue No.	74
LM End	6.16	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		38.435308 °	38.435003 °	
			-121.530342 °	-121.530950 °	
DWR ID	DWR_RD0307_01_f_2018_74				
Comment Code					
T3 : Trim and thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

No Photos

LM Start	6.15	Rating **	C	Issue No.	114
LM End	6.15	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.435118 °	38.435118 °	
			-121.530795 °	-121.530795 °	
DWR ID	DWR_RD0307_01_s_2018_114				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/31/2018 10/31/2018	Luz Dial

LM Start	6.19	Rating **	M	Issue No.	43
LM End	6.38	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 USACE Erosion Survey, DRAFT			38.434560 °	38.432287 °
				-121.531159 °	-121.532978 °
DWR ID	DWR_RD0307_01_f_2018_43				
Comment Code					
Inspector Comment					
2017 Site ID: SAC 43.2 R					
Status: Eroding					
2017 Field Notes: New erosion pockets and new toe erosion.					
Site History: 2008 - Large rotational failure in bank and well into the levee slope. Could be a significant problem in the next high flow event.					
2009 - Minimal new erosion, site extended upstream. 2010 - Minor new erosion. 2011 - Tree popout has left a large hole. Large slump area.					
Rock on the bank is failing in some locations. 2012 - The toe appears to be scouring out. 2016 - Some rock placed in the last year					

Photo 1 of 1 : FA_2018_RD0307_166_43_20181105_00116.jpg



USACE 2013 Photo #1

LM Start	6.42	Rating **	C	Issue No.	42
LM End	6.55	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 USACE Erosion Survey, DRAFT			38.431726 °	38.429957 °
				-121.533200 °	-121.533035 °
DWR ID	DWR_RD0307_01_f_2018_42				
Comment Code					
Inspector Comment					
2017 Site ID: SAC 43.1 R					
Status: Eroding					
2017 Field Notes: Fresh erosion observed along toe and slope.					
Site History: 2011 - Erosion pockets likely from tree popouts. This site has been in the inventory before and been fixed with emergency bank rock but continues to fail.					

No Photos

* Location
 LS : Land Side N/A : Not Applicable
 WS : Water Side
 CR : Crown

** Rating
 A : Acceptable N : Not Inspected/Rated
 M : Minimally Acceptable C : Corrected
 U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
 Ma : Maintenance Deficiency
 Ob : Design & System Obsolescence
 En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/31/2018 10/31/2018	Luz Dial

LM Start	6.42	Rating **	A/W	Issue No.	107
LM End	6.55	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.431792 °	38.429923 °
				-121.533353 °	-121.533235 °
DWR ID	DWR_RD0307_01_s_2018_107				
Comment Code					
Inspector Comment					
This is to identify corrections to the USACE 2015 Erosion survey. The LMA repaired erosion sites in 2017.					

Photo 1 of 2 : FA_2018_RD0307_166_107_20180910_00028.jpg



RD307 Lisbon Unit 1 Issue 107 LM6.42-6.55 Erosion repaired picture taken from LB looking west.

LM Start	6.42	Rating **	A/W	Issue No.	107 (cont)
LM End	6.55	Issue Type +	Ma	Location *	WS

Photo 2 of 2 : FA_2018_RD0307_166_107_20180910_00029.jpg



RD307 Lisbon Unit 1 Issue 107 LM6.42-6.55 Erosion repaired picture taken from LB looking west.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/31/2018 10/31/2018	Luz Dial

LM Start	6.54	Rating **	A/W	Issue No.	161
LM End	6.54	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.430043 °	38.430043 °
				-121.533275 °	-121.533275 °
DWR ID	21731				
Comment Code					
Inspector Comment					
FS_ID:17406					
DS_ID:21731					
EP_NO: N/A					
Repair Type: No Action Needed					
Crossing Status: Found					
UCIP Comments:					
FIELD_STRUCT_DESC: 2 of 2: 36-inch steel drainage pipe through the levee, 16 feet below the crown. Flap gate on the waterside (WS) end. Gate valve and air vent on the landside (LS). Pump and trash rack 200 feet off the LS toe. [Additional Reference(s): DWR Levee Log, 1990. USACE Sacramento O&M Manual 114, April 1959, (RM 43.08)].					
FS Date: 8/7/2013					

LM Start	6.54	Rating **	A/W	Issue No.	161 (cont)
LM End	6.54	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_FA_2018_17406_29510.jpg



Pipes visible on LS toe.

Photo 2 of 3 : UCIP_FA_2018_17406_29509.jpg



Pump and trash rack 200-feet off LS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Reclamation District No. 0307 Lisbon

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	6.56	10/31/2018 10/31/2018	Luz Dial

LM Start	6.54	Rating **	A/W	Issue No.	161 (cont)	
LM End	6.54	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			38.430043 °	38.430043 °	
				-121.533275 °	-121.533275 °	
DWR ID	21731					
Comment Code						
Inspector Comment						
FS_ID:17406						
DS_ID:21731						
EP_NO: N/A						
Repair Type: No Action Needed						
Crossing Status: Found						
UCIP Comments:						
FIELD_STRUCT_DESC: 2 of 2: 36-inch steel drainage pipe through the						
levee, 16 feet below the crown. Flap gate on the waterside (WS) end.						
Gate valve and air vent on the landside (LS). Pump and trash rack 200						
feet off the LS toe. [Additional Reference(s): DWR Levee Log, 1990.						
USACE Sacramento O&M Manual 114, April 1959, (RM 43.08)].						
FS Date: 8/7/2013						

Photo 3 of 3 : UCIP_FA_2018_17406_29508.jpg



Intake at concrete headwall under pump.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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